PTO/SB/08e (03-08)
Approved for use through 04/30/2008 OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Application Number		10531547	
	Filing Date		2005-11-16	
NFORMATION DISCLOSURE STATEMENT BY APPLICANT Not for submission under 37 CFR 1.99)	First Named Inventor	Chaitan Khosla		
	Art Unit		1641	
	Examiner Name			
	Attorney Docket Numb	or	STAN-258LISS	

				U.S.	PATENTS		Remove
Examiner Initial*	Cite No	Patent Number	Kind Code <sup>1</sup>	Issue Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where nt Passages or Relevan s Appear
	1	4203967		1980-05-20	Gallo-Torres		
	2	4912120		1990-03-27	Castelhano et al.		
	3	4929630		1990-05-29	Castelhano et al.		
	4	5817523		1998-10-06	Picarelli		
	5	6410550		2002-06-25	Coe, et al.		
If you wis	h to a	dd additional U.S. Paten	t citatio	n information pl	lease click the Add button.		Add
			U.S.P	ATENT APPLI	CATION PUBLICATIONS		Remove
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publication Date	Name of Patentee or Applicant of cited Document	Releva	Columns,Lines where nt Passages or Relevan s Appear
	1	20010007690		2001-07-12	Girsh, Leonard S.		

## 

	2	20020039599	2002-04-04		Lin, Henry C.; et al.					
	3	20020076834	200	2-06-20	Detlef, Schuppan; et al.					
If you wis	h to a	dd additional U.S. Publi	shed Applica	ition citatio	n information p	please click the Ad	d butto	n. Add		
			FOR	REIGN PA	TENT DOCUM	IENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup> j	Kind Code	Publication Date	Name of Patente Applicant of cited Document		where Re	or Relevant	T4
	1	0237082	EP		1987-09-16	SYNTEX (U.S.A.) I	NC.			
If you wis	h to a	dd additional Foreign P	atent Docum	ent citation	information p	lease click the Add	buttor	Add		
	NON-PATENT LITERATURE DOCUMENTS Remove									
Examiner Initials*	Examiner linitials* Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where publishers						Τs			
	1	ARENTZ-HANSEN et al. "Cellac Lesson T Cells Recognizes Epitopes that Cluster in Regions of Gladins Rich in Proline Residues" Gastroenterology, 2002, pp. 903-909, Vol. 123, No. 3.								
	2 ARENTZ-HANSEN et al., "The Intestinal T Cell Response To a - Gladelin In Adult Cellao Disease is Focused On A Single Desmidated Glutamine Targeted By Tissue Transglutaminase" J. Exp. Med., 2000, pp. 603-12, Vol. 191.									
	3 CASTELHAND et al., "Synthesis, Chemistry, and Absolute Configuration of Novel Transgutaminase inhibitors Contaning a 3-Hato-4,5-dihydrosoxazole" Bisong, Chem., 1988, pp. 335-340, Vol. 16.									
	de RITIS G. et al. "In Vitro (organ culture) Studies of the Toxicity of Specific A-Gladin Peptides in celiac Disease"  Gastroent/terology, 1988, pp 41-9, Vol. 94.									

## 

5	FRAZER et al. "Gluten-induced enteropathy: the effect of partially digested gluten." Lancet, September 5, 1959, pp. 252-5, Vol. 2.	
6	FREUND, K. et al. "Transgulaminase inhibition by 2-{(2-Oxopropyl)tho]imidazolium derivatives: mechanism of factor XIIIa inschvation" Bochemistry, 1994, pp. 10109-10119, Vol. 33.	
7	GREENBERG, C. et al. "Transglutaminases: multifunctional cross-linking enzymes that stabilize tissues" FASEB J., 1991, pp. 3071-3077, Vol. 5.	
8	HITOMI, K. et al. "GTP, an inhibitor of transglutaminases, is hydrolyzed by tissue-type transglutaminase (TGase 2) but not by epidermal-type transglutaminase (TGase 3)," Boso. Botechnol Boohem., 2000, pp. 657-659, Vol. 64, Issue 3.	
9	Kao Castle Ply LTD Sequence Analysis PCTRIS03104743.	
10	KARPUJ et al. "Protonged survival and decreased abnormal movements in transgenic model of Huntington disease, with administration of the transglutaminase inhibitor cystamine" Nature Med., February 2002, pp. 143-149, Vol. 8, leave 2.	
11	KIM et al. "Transglulaminases in disease" Neurochem. Int., 2002, pp. 85-103, Vol. 40.	
12	Lon, Plavobacterium menngpseptoum, Genbank Accession #EMBL #: D10990, August 1, 1992, http://www. nnbblogen.fr/sra71bin/ogi-bin/vegetz?-ks-4-ga61MkSPO+(uniprol-ID PPCE_FLAME)+-e.	
13	LORAND et al. "Novel inhibitors against the transglutaminase-catalysed crosslinking of lens proteins" Exp Eye Res., May 1998, pp. 531-6, Vol. 66.	
14	MESSER et al. "Studies On The Mechanism Of Destruction Of The Toxic Action Of Wheat Gluten in Coellac Disease By Crude Papean" Gut, August 1964, pp. 295-303, Vol. 5.	
15	MESSER et al. "Oral papain in gluten intolerance." Lancet, November 6, 1976, p. 1022, Vol. 2, Issue 7993.	

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT ( Not for submission under 37 GFR 1.99)

Application Number		10531547		
Filing Date		2005-11-16		
First Named Inventor Chaita		an Khosla		
Art Unit		1641		
Examiner Name				
Attorney Docket Number		STAN-258US5		

	MOCDIE, P. "Traditional Baking Enzymes-Proteases" Presented at the American Institute of Baking, Manhattan, 16 Kansas, May 7, 2001 by Peter Mocole, Director - Sailes & Markeling, Enzyme Development Corporation, Enzyme Development Corporation						
	17	17 Online-Medical Dictionary. "Amino acid", http://licancerweb.ncl.ac.uk/ogi-bin/omd?query=amino+acid. 13 Nov. 1997.					
	18	IPER et al., "High selectivity of human tissue transglutaminese for immunoactive gliadin peptides: implications for lilias spure", Bochemistry, January 8, 2002, pp. 386-93, Vol. 41, Issue 1.					
	SARDY, M. et al. "Epidermal transglutaminase (TGase 3) is the autoantigen of dermattis herpetiformis" J. Exp. Med., 2002, pp. 747-757, Vol. 195, Issue 6.						
	20 SHAN, L. et al. "Structural Basis for Gluten Intolerance in Cellac Sprue" Science 2002, pp 2275-9, Vol. 287.						
	SJOSTROM et al. "bientification of a Gladin T-Cell Epitope in Coelao Disease: General Importance of Gladin 21 Desirication for Intestinal T-Cell Recognition? Scandinavian Journal of Immunology, August 1998, pp. 111-115(5), Volume 46, Number 2.						
	22 VADER et al. "The Gluten Response in Châldren with Cellac Sprue Disease is Directed Toward Multiple Gliadin and Glutenin Peptides" Gastroenterology, 2002, pp 1729-1737, Vol. 122.						
If you wis	h to a	additional non-patent literature document citation information please click the Add button Add					
		EXAMINER SIGNATURE					
Examine	r Sian	re Date Considered					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 See Kinz Code of USPTO Patent Documents at year USPTO\_CQV or METP 601.04. If Erins rollice that issued the document, by the low-letter code (WIPO Standard ST.3.) "For Justinese plant to Comments, the reduced on the year of the region remains protective the entire or immediate of the part of the region remains protective the entire number of the pelant comment.

\*Varied of comment by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible, "Applicant is to place a check mark their if English languages threatables in statistics."